## IN THE CLAIMS

1. (currently amended) An internet protocol network testing apparatus, comprising:

    a plurality of network analysis devices, each network analysis device operable to conduct <u>a plurality of different</u> tests on a different segment between nodes of a distributed internet protocol network;

    a graphical user interface providing a link to network related measurements by the network analysis devices, to present a test including

        a visual aggregation of measurement results <u>from the plurality of different test</u> from two or more of the plurality of network analysis devices <u>providing a visual indication of one of a plurality of threshold status indicators of each segment at a plurality of different times</u>;

        perceptibly correlated network-related measurements by two or more of the plurality of network analysis devices through a selectable graphical display of the network analysis devices <u>enabling identification of which of the tests caused changes in the threshold status indicator</u>, and

        a selectable graphical display of at least one network-related measurement for each selected network analysis device;

wherein, in response to user selection of the two or more of the network analysis devices, and in response to user selection of the at least one network-related measurement, from the selectable graphical display, the graphical user interface causes the two or more of the network analysis devices and the at least one network related measurement to be added to the test; and

wherein the perceptibly correlated network-related measurements are visual correlations as a top-level test view of the test and

selectable to navigate to lower test levels of detailed network-related measurement views of each network analysis device.

2.  (previously presented) The apparatus of claim 1, wherein the network analysis devices are heterogeneous, and the graphical user interface presents as the perceptible correlation correlated graphs of network-related measurements from the heterogeneous devices as a heterogeneous test, thereby allowing a new measurement of two or more adjacent network segments including the heterogeneous devices.

3. (original) The apparatus of claim 1, wherein the graphical user interface displays a vertically oriented window, and displays in the window a hierarchical icon control tree of selectable parent-child icons corresponding, respectively, to the test and the network analysis device for the test.

4. (original) The apparatus of claim 3, wherein child icons of the test parent icon correspond to a test results summary, to a test configuration, and to the test network analysis devices that each include child icons corresponding to results of the at least one measurement from each network analysis device and to a configuration of each network analysis device.

5. (original) The apparatus of claim 3, wherein a selectable parent icon of the tree corresponds to real-time measurement collections from the network analysis devices to be added into the test.

6. (original) The apparatus of claim 3, wherein a selectable parent icon of the tree corresponds to the network analysis devices to launch a graphical user interface to manage the network analysis devices for the test.

7. (original)  The apparatus of claim 1, wherein the at least one network-related measurement for each selected network analysis device is an existing collection of network-related measurements.

8. (original) The apparatus of claim 1, wherein the selectable graphical display of the network analysis devices comprises graphical tab dialogues of analysis device selection, analysis device configuration, analysis device measurement selection, and analysis device measurement configuration, allowing selection and configuration of analysis devices added into the test.

9. (original) The apparatus of claim 1, wherein the measurement results are visually correlated according to parameters selected from a time line, a threshold, and a trend.

10. (original) The apparatus of claim 1, wherein the selectable graphical display of the network analysis devices comprises a list of available network analysis devices, a list of network analysis devices added into the test, and selection and removal graphical display buttons to add and remove an available network analysis device to/from the list of added network analysis devices.

11. (original) The apparatus of claim 10, wherein the selectable graphical display of the at least one network-related measurement comprises a list of available network-related measurements for each network analysis device in the list of added network analysis devices.

12. (original) The apparatus of claim 1, wherein the selectable graphical display of the at least one network-related measurement comprises selectable graphical displays of measurement

configurations for each network analysis device measurement.

13. Cancelled

14. (original) The apparatus of claim 4, wherein a selectable parent icon of the tree corresponds to a test manager managing a plurality of tests and including a plurality of child test icons.

15. (previously presented) The apparatus of claim 1, wherein for the visual aggregation of measurement results, the graphical user interface presents a plurality of tests according to a time line as visually aggregated test results for each test and each aggregated test result is selectable in each time line time period to navigate to each test as the visually correlated network-related measurements at each time period in the time line.

16. (previously presented) The apparatus of claim 1, wherein the graphical user interface comprises:
    a test manager managing creation, update and deletion of the test,
    an agent manager managing creation, selection, and removal of the network analysis devices in the test;
    an agent network interface configuration manager managing selection and configuration of network interfaces a network analysis device added in the test; and
    an agent measurement configuration manager managing selection, configuration, and removal of a network-related measurement on a selected network interface for the network analysis device added in the test.

17. Cancelled

18.  (currently amended) A computer in network communication with
a plurality of computer agents providing network related
measurements of different segments of the network, the computer
comprising:

    a programmed computer processor providing a graphical user
interface, the graphical user interface providing a link to the
network related measurements provided by the computer agents, to
present a <u>plurality of</u> test<u>s</u> as a including:

        a visual aggregation of measurement results<u> from the</u>
<u>plurality of different test</u> from two or more of the
plurality of network analysis devices in adjacent segments
<u>providing a visual indication of one of a plurality of</u>
<u>threshold status indicators of each segment at a plurality</u>
<u>of different times</u>;

        perceptibly correlated network related measurements
<u>from the plurality of tests</u> by two or more of the computer
agents through a selectable graphical display of the
computer agents<u> enabling identification of which of the</u>
<u>tests caused changes in the threshold status indicator</u>, and

        a selectable graphical display of a least one network
related measurement for each selected computer agent;
wherein, in response to user selection of the two or more of the
computer agents, and in response to user selection of the at
least one network related measurement, from the selectable
graphical displays, the graphical user interface causes the two
or more of the computer agents and the at least one network
related measurement to be added to the test; and
wherein the perceptibly correlated network-related measurements
are visual correlations as a top-level test view of the test and
selectable to navigate to lower test levels of detailed network-
related measurement views of each network analysis device.


19.  (currently amended) A method, comprising:

presenting a selectable graphical display of known heterogeneous network analysis devices, each analysis device on a different segment between nodes of a network~~, to add into a test~~;

selecting a plurality of the analysis devices;

presenting a selectable graphical display of known network-related <u>tests</u> ~~measurements~~ corresponding to each selected network analysis device;

selecting <u>a plurality</u> ~~one~~ of the network-related <u>tests</u> ~~measurements~~;

presenting a graphical user interface ~~to the test~~ for displaying:

> a visual aggregation of the selected network-related <u>test</u> ~~measurement~~ results<u> from the plurality of different tests</u> from <u>each of</u> ~~two or more of the plurality of~~ the selected network analysis devices <u>providing a visual indication of one of a plurality of threshold status indicators of each segment at a plurality of different times</u>;
>
> a visual correlation of the selected network-related measurements from the selected heterogeneous network analysis devices<u> enabling identification of which of the tests caused changes in the threshold status indicator</u>; and
>
> a visual representation of the selected network-related measurement from one of the network analysis devices.